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	Title	Current OR	Current XRef	Retrieval Classif
1	Sensing device with processor	382/313	382/188	
2	Self-service terminal	235/379	235/380	
3	Sensing device	382/314	382/188; 382/312	
4	Computer system interface surface with coded marks	235/380	235/375; 235/435; 235/487; 235/494	
5	Network publishing authorization protocol	713/176	380/55; 713/155	
6	Interactive device network registration protocol	713/168	345/180; 345/181; 713/170	
7	Managing account database in ABDS system	713/156	380/282; 380/285; 705/71; 713/170; 713/176	
8	Computer system control via interface surface with coded marks	235/375	235/380; 235/435; 235/439; 235/462.03; 235/472.02; 235/487	
9	Portable interactive printer	358/1.15	358/1.1	
10	Passive biometric customer identification and tracking system	463/29	463/42; 705/14	
11	Automated teller machine, software and distribution method	235/379	235/381; 705/43	
12	Sensing device with identifier	382/313	382/188; 382/312; 382/314	
13	Computer system interface surface with sensor having identifier	235/380	235/375; 235/435; 235/439; 235/462.03; 235/472.02; 235/487	
14	Computer system interface surface with processing sensor	235/380	235/375; 235/435; 235/439; 235/487	
15	Method and system for collaborative document markup	235/375	235/454	

	Title	Current OR	Current XRef	Retrieval Classif
16	METHOD OF TRANSACTING AN ELECTRONIC MAIL, AN ELECTRONIC COMMERCE, AND AN ELECTRONIC BUSINESS TRANSACTION BY AN ELECTRONIC COMMERCE TERMINAL USING A WIRELESSLY NETWORKED PLURALITY OF PORTABLE DIGITAL DEVICES	705/44		
17	Relay device	358/1.15	235/454; 235/487; 345/173; 358/407; 358/474; 382/173; 382/175; 382/317	
18	Identity verification and enrollment system for self-service devices	235/379	235/380; 340/5.82; 382/115; 705/44	
19	Systems and methods for determining an authorization threshold	235/383	235/381	
20	Orientation sensing device	178/19.05	178/18.03; 178/19.01; 345/179	
21	Methods and apparatus for restricting access of a user using random partial biometrics	713/186	713/200	
22	Method and system for printing a document	358/1.15	235/487; 345/179; 399/82; 715/511	
23	Interactive printer	358/1.1	358/1.6	
24	Cash dispensing system for merchandise delivery facility	186/36	186/37; 186/53; 705/16	
25	Method and system for object selection	345/863	345/179; 345/769; 358/1.18; 715/507; 715/541	
26	Piezoelectric identification device and applications thereof	310/339	310/316.01; 310/319; 310/328	
27	Method and system for note taking using a form with coded marks	382/187	382/188; 382/306; 382/314	

	Title	Current OR	Current XRef	Retrieval Classif
28	Method and system for note taking using sensor with identifier	382/187	382/115; 382/188; 382/306; 382/314	
29	Player identification using biometric data in a gaming environment	463/29		
30	Generation and verification of a digitized signature	382/119	345/179; 348/161; 382/187	
31	Method for revaluing a private label card using an electronic commerce terminal	705/41	705/44	
32	Method and system for note taking	382/187	178/18.01; 235/494; 345/179; 382/306; 382/313	
33	Business card as electronic mail token	235/375	235/380	
34	Method and system for examinations	434/350	434/351; 434/362; 434/363	
35	Pneumatic transfer terminal and method of operation	406/197	406/180; 406/190	
36	Pneumatic transfer terminal and method of operation	406/180	406/190	
37	Self service check cashing system and method	235/379	235/380; 235/382; 705/10; 705/14; 705/16	
38	Tokenless biometric electronic debit and credit transactions	705/39	235/380; 382/115; 705/64; 705/72; 705/76; 902/40	
39	System and method of biometric smart card user authentication	235/382	235/451	
40	Business card as electronic mail token for use with sensor having an identifier	235/375	235/380	
41	Business card with coded marks as electronic mail token	235/375	235/380	

	Title	Current OR	Current XRef	Retrieval Classif
53	Electronic commerce terminal for wirelessly communicating to a plurality of communication devices	705/14	705/26	
54	Gas pump control system having access to the internet for the purposes of transacting e-mail, e-commerce, and e-business, and for conducting vending transactions	705/14	705/26	
55	Delivery of goods and services resultant from an electronic commerce transaction by way of a pack and ship type company	705/14	705/26	
56	System and method of processing credit card, e-commerce, and e-business transactions without the merchant incurring transaction processing fees or charges worldwide	705/14	705/26	
57	Tokenless electronic transaction system	382/115		
58	Touch scan internet credit card verification purchase process	705/18	235/382	
59	Tokenless biometric electronic check transactions	705/40	380/229; 380/232; 705/26; 705/35; 705/39; 705/44; 705/53; 705/75; 705/78	
60	Method and apparatus for non-intrusive biometric capture	235/380	235/376; 235/382; 235/382.5	
61	Passive biometric customer identification and tracking system	463/29	463/42; 705/14	
62	Method of distributing documents having common components to a plurality of destinations	709/204	709/226; 709/238; 715/513; 715/517; 715/526; 715/527	
63	Method for identity verification	382/124	713/186	

	Title	Current OR	Current XRef	Retrieval Classif
42	Method of transacting an electronic mail, an electronic commerce, and an electronic business transaction by an electronic commerce terminal using a gas pump	705/14	705/26	
43	Smart token	194/205	194/214; 463/25	
44	Method of transacting an electronic mail, an electronic commerce, and an electronic business transaction by an electronic commerce terminal operated on a transportation vehicle	705/14	705/10	
45	Method of warehousing user data entered at an electronic commerce terminal	705/26	705/14	
46	Player identification using biometric data in a gaming environment	463/29		
47	Store display window connected to an electronic commerce terminal	705/14	705/26	
48	Business card as electronic mail token for use with processing sensor	235/375	235/380	
49	Electronic commerce terminal for facilitating incentive-based purchasing on transportation vehicles	705/14	705/26	
50	Vending machine control system having access to the internet for the purposes of transacting e-mail, e-commerce, and e-business, and for conducting vending transactions	705/14	705/26	
51	Electronic commerce terminal connected to a vending machine operable as a telephone	705/14	705/26	
52	Universal interactive advertising and payment system network for public access electronic commerce and business related products and services	705/14	705/26	

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1	BRS	L1	160	biometric with transaction	USPAT	2004/09/21 07:17
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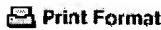
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1 Fingerprint classification using a feedback-based line detector

Shah, S.; Sastry, P.S.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 34 , I 1 , Feb. 2004
Pages:85 - 94

[Abstract] [PDF Full-Text (1536 KB)] IEEE JNL

2 Likelihood-ratio-based biometric verification

Bazen, A.M.; Veldhuis, R.N.J.;
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 14 , Issue: 1 , Jan. 2004
Pages:86 - 94

[Abstract] [PDF Full-Text (472 KB)] IEEE JNL

3 Dynamic behavior analysis in compressed fingerprint videos

Dorai, C.; Ratha, N.K.; Bolle, R.M.;
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 14 , Issue: 1 , Jan. 2004
Pages:58 - 73

[Abstract] [PDF Full-Text (1448 KB)] IEEE JNL

4 An introduction to biometric recognition

Jain, A.K.; Ross, A.; Prabhakar, S.;
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Pages:4 - 20

[Abstract] [PDF Full-Text (1136 KB)] IEEE JNL

5 Combination of Hyperbolic Functions for Multimodal Biometrics Data Fusion

Toh, K.-A.; Yau, W.-Y.;
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Pages:1196 - 1209

[Abstract] [PDF Full-Text (856 KB)] IEEE JNL

6 A new covariance estimate for Bayesian classifiers in biometric recognition

Thomaz, C.E.; Gillies, D.F.; Feitosa, R.Q.;
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7 An ultra-low memory fingerprint matching algorithm and its implementation on a 32-bit smart card

Sung Bum Pan; Daesung Moon; Younhee Gil; Dosung Ahn; Yongwha Chung; Consumer Electronics, IEEE Transactions on , Volume: 49 , Issue: 2 , May 2000
Pages:453 - 459

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8 On the individuality of fingerprints

Pankanti, S.; Prabhakar, S.; Jain, A.K.;
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Pages:1010 - 1025

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9 Filterbank-based fingerprint matching

Jain, A.K.; Prabhakar, S.; Hong, L.; Pankanti, S.;
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Pages:846 - 859

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10 Highly robust biometric smart card design

Noore, A.;
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11 Fusion of face and speech data for person identity verification

Ben-Yacoub, S.; Abdeljaoued, Y.; Mayoraz, E.;
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Pages:1065 - 1074

[Abstract] [PDF Full-Text (280 KB)] IEEE JNL

12 Integrating faces and fingerprints for personal identification

Lin Hong; Anil Jain;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

20 , Issue: 12 , Dec. 1998

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13 Fingerprint image enhancement: algorithm and performance evalu

Lin Hong; Yifei Wan; Jain, A.;

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20 , Issue: 8 , Aug. 1998

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[Abstract] [PDF Full-Text (3956 KB)] IEEE JNL

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Yoichi Seto;

Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th Internatio Conference on , Volume: 2 , 2-5 Dec. 2002

Pages:996 - 1001 vol.2

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15 Securing data and financial transactions

Stockel, A.;

Security Technology, 1995. Proceedings. Institute of Electrical and Electronics Engineers 29th Annual 1995 International Carnahan Conference on , 18-20 O 1995

Pages:397 - 401

[Abstract] [PDF Full-Text (396 KB)] IEEE CNF

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